$$\begin{array}{c|c} H & H \\ N & N \\ \end{array}$$

Fig. 1C

Fig. 1D

Fig. 1E

Step 1: Preparation of Amidophenol

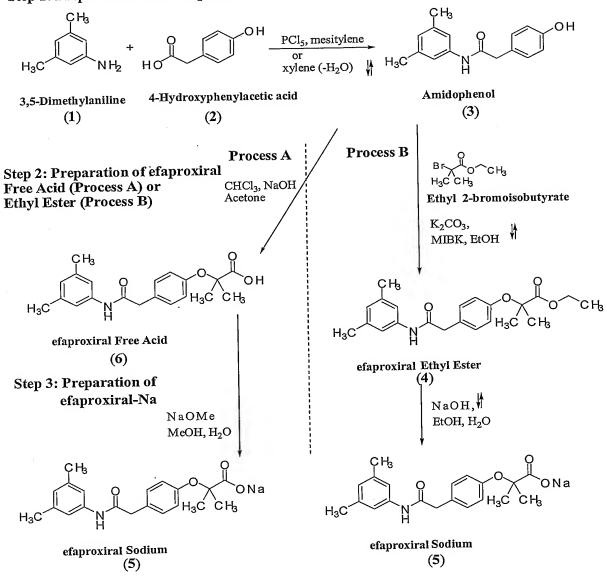


FIG. 2

## Improved Process B

## Step 1: Preparation of Amidophenol

CH<sub>3</sub>

$$H_{3}C$$

$$NH_{2} + O$$

$$NH_{2} + HO$$

$$NH_{2} + HO$$

$$NH_{2} + HO$$

$$NH_{3}C$$

$$NH_{$$

Step 2: Preparation of Efaproxiral Ethyl Ester

K<sub>2</sub>CO<sub>3</sub>,
MIBK, EtOH

CH<sub>3</sub>

O
CH<sub>3</sub>

H<sub>3</sub>C

CH<sub>3</sub>

Ethyl 2-bromoisobutyrate

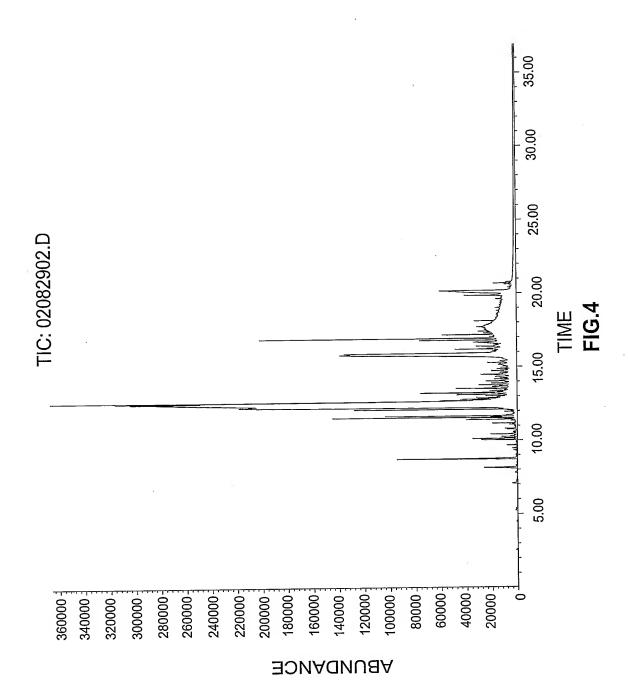
## Step 3: Preparation of Efaproxiral-Na

**Efaproxiral Ethyl Ester** 

## Efaproxiral Sodium (5) + impurities

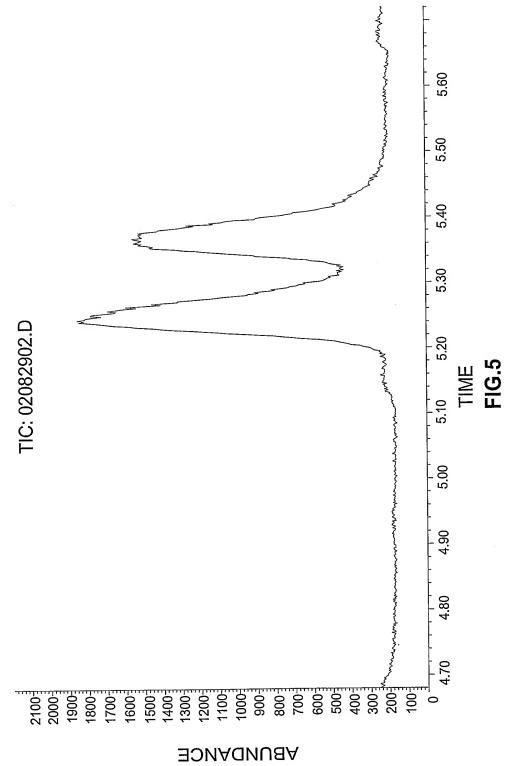
Efaproxiral Sodium (5)

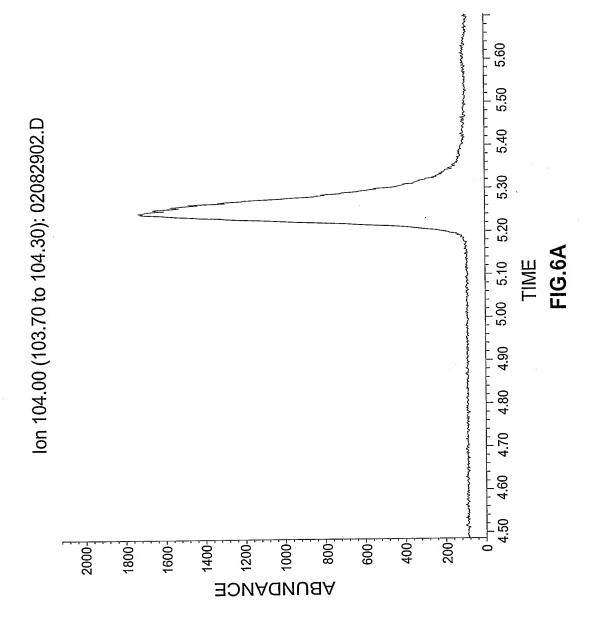
FIG.3

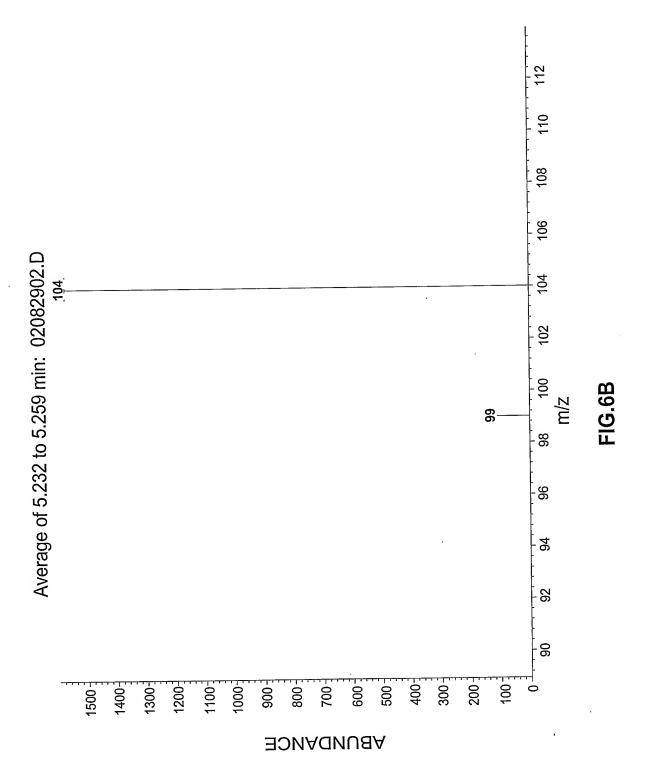


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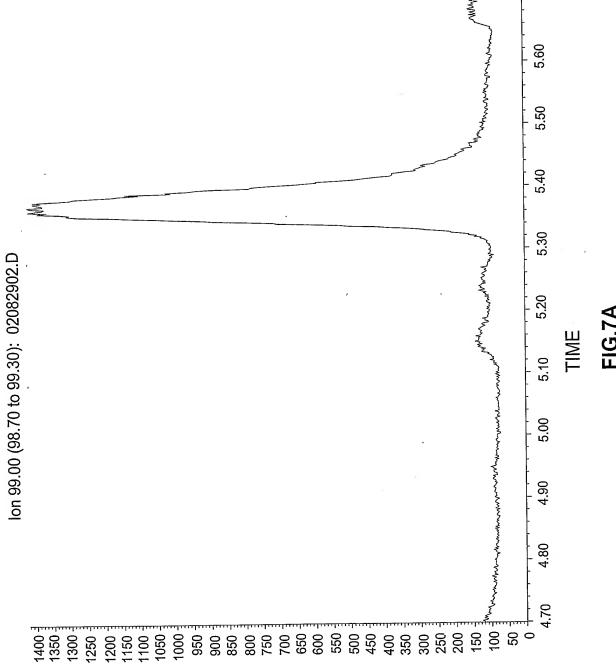


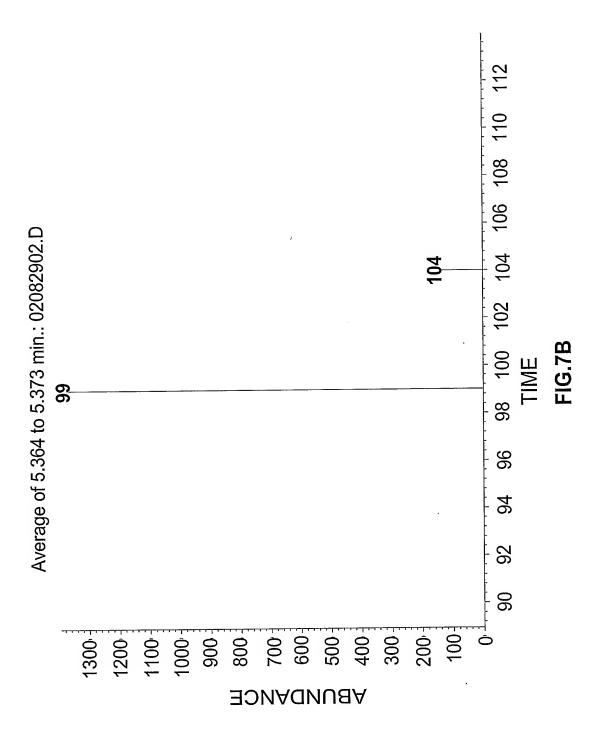












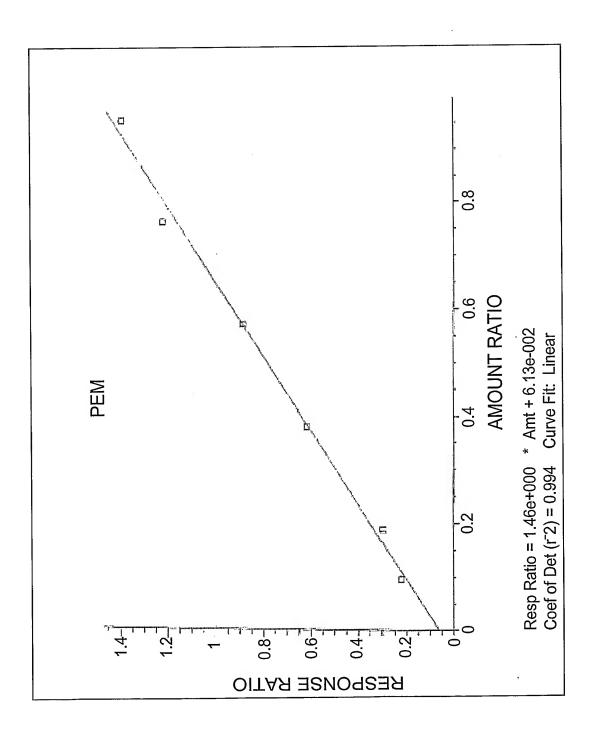


FIG.8